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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/695,974	10/26/2000	Toshikatsu Hayashi	HAYASHI6	5049

1444 7590 07/16/2003

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WASHINGTON, DC 20001-5303

EXAMINER

HASHMI, ZIA R

ART UNIT	PAPER NUMBER
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2881

DATE MAILED: 07/16/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/695,974

Applicant(s)

HAYASHI ET AL.

Examiner

Zia R. Hashmi

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 26 October 2000.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-8 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-8 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 26 October 2000 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892) 4) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____ 6) ☐ Other:

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claim 1 is being rejected under U.S.C. 102(b) as being anticipated by Inui et al. (5,081,455).

3. With respect to independent claim 1, Inui et al., disclose an electromagnetic wave absorber comprising a wave-absorbing body (Abstract, lines 2-3, col. 2, lines 50-52 and Fig. 30), and a base plate supporting the bottom of the wave-absorbing body (col. 13, lines 29-32 and 81 in Fig. 30), wherein the wave-absorbing body is formed in a pyramid shape fitting polygonal wave-absorbing plates into each other (col. 13, lines 29-35, Fig. 19 & 30, and 81-83 in Fig. 30).

Claim Rejections - 35 USC § 103

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 2-8 are rejected as being unpatentable over Inui et al. (5,081,455), in view of Inoue et al. (6,373,425).

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6. With respect to dependent claims 6 and 7, Inui et al. fail to disclose a bottom plate of the electromagnetic (EM) wave absorber with a ferrite tile, or its composition containing non-combustible material. Inoue et al., however, disclose the bottom surface of the base plate of EM absorber having ferrite tiles (col. 8, lines 45-55, col. 10, lines 39-40, col. 12, lines 32-35, col. 13, lines 115-18, col. 14, lines 36-41, and Fig. 5-7). Furthermore, their wave absorber is composed of mainly inorganic anti-flammable material, like ferrite (col. 6, lines 14-17).

It would have been obvious to one having ordinary skill in the art at the time of the invention was made to modify the method and apparatus of Inui and Inoue et al., and add features like overlapping polygonal fitting plates with notches and electrically conductive layers made of carbon powder, because Inoue et al. teach (col. 1, lines 18-22) that troubles of electromagnetic wave jamming that an electronic product imparts to other electronic products, have been increasing in recent years.

Conclusion

7. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Naito et al. disclose (5,276,448) an electromagnetic broad-band wave-absorber using ferrite beams arrayed in a lattice-like form.


8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Zia Hashmi whose telephone number is (703) 305-0419. The examiner can normally be reached between 8.30 AM- 5 PM. If attempts to reach

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the examiner by telephone are unsuccessful, the examiner's supervisor, John R. Lee can be reached on (703) 308-4116.

Zia Hashmi

July 1, 2003



JOHN R. LEE
SUPERVISOR, PATENT EXAMINER
TECHNOLOGY CENTER 2000